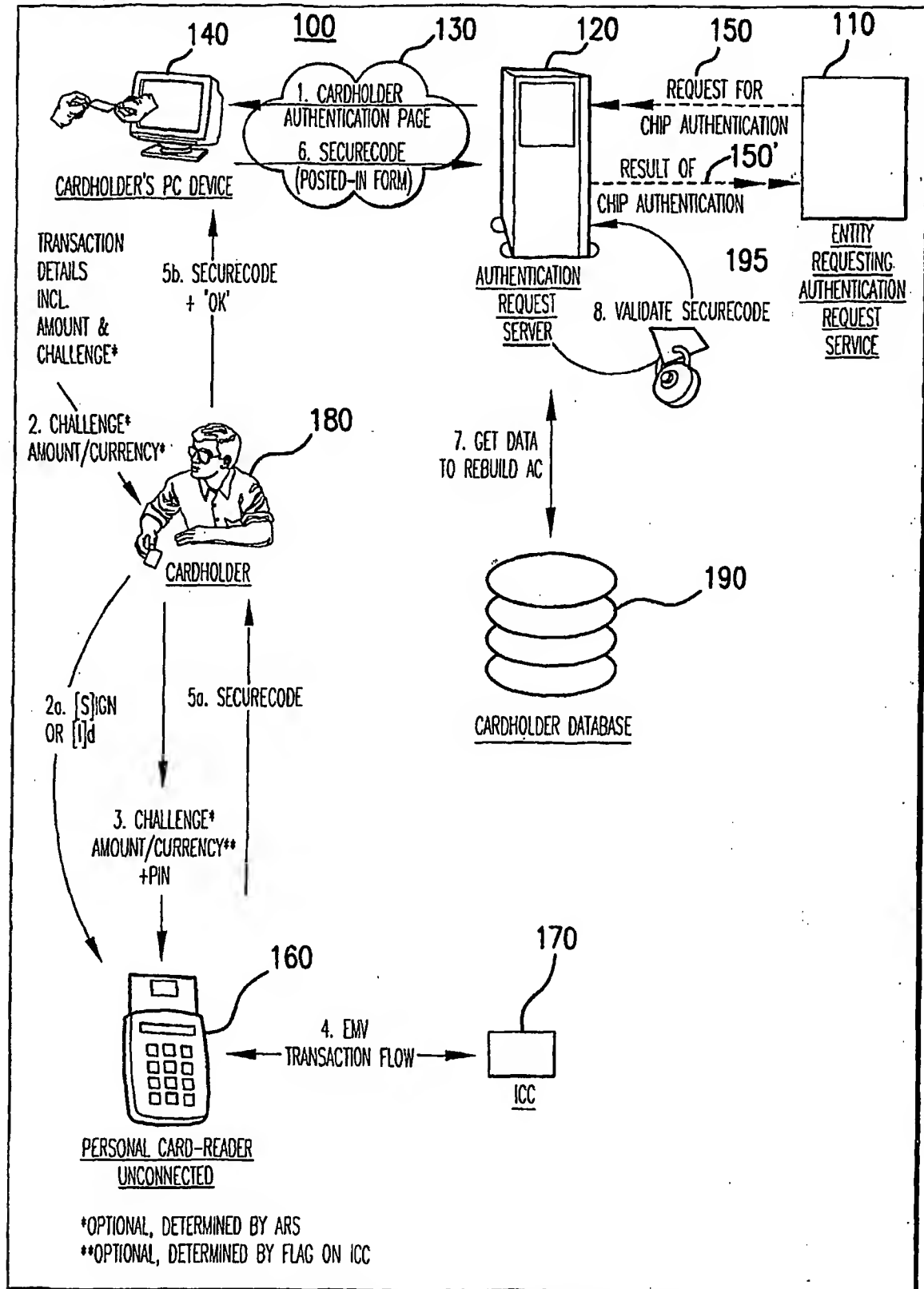


TYPICAL FLOW FOR UNCONNECTED READER

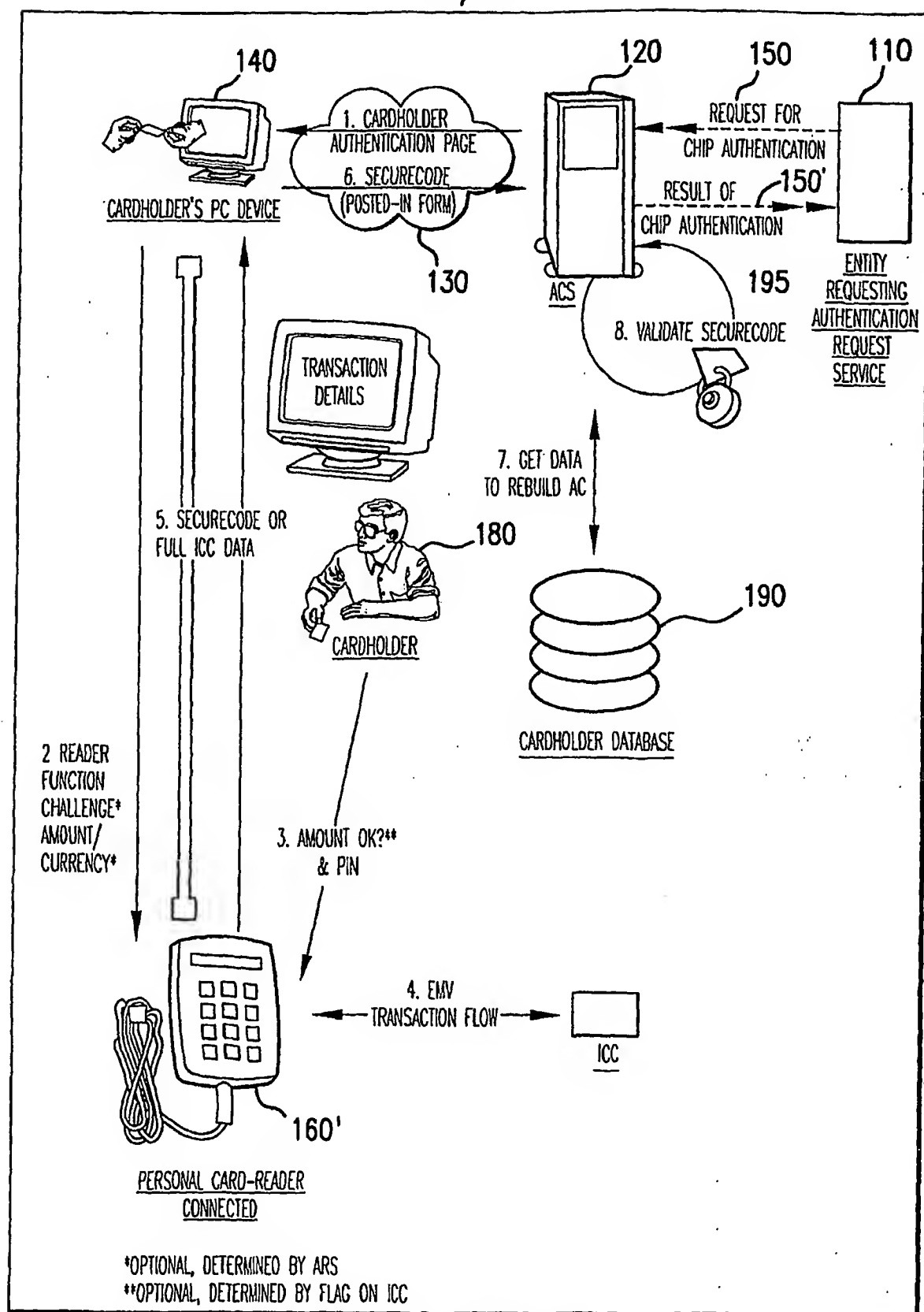


CARDHOLDER AUTHENTICATION USING AN UNCONNECTED READER

FIG. 1

SUBSTITUTE SHEET (RULE 26)

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CARDHOLDER AUTHENTICATION USING A CONNECTED READER

FIG. 2

SUBSTITUTE SHEET (RULE 26)

-PCR SCENARIO-DATA FLOWS FOR UNCONNECTED PCR

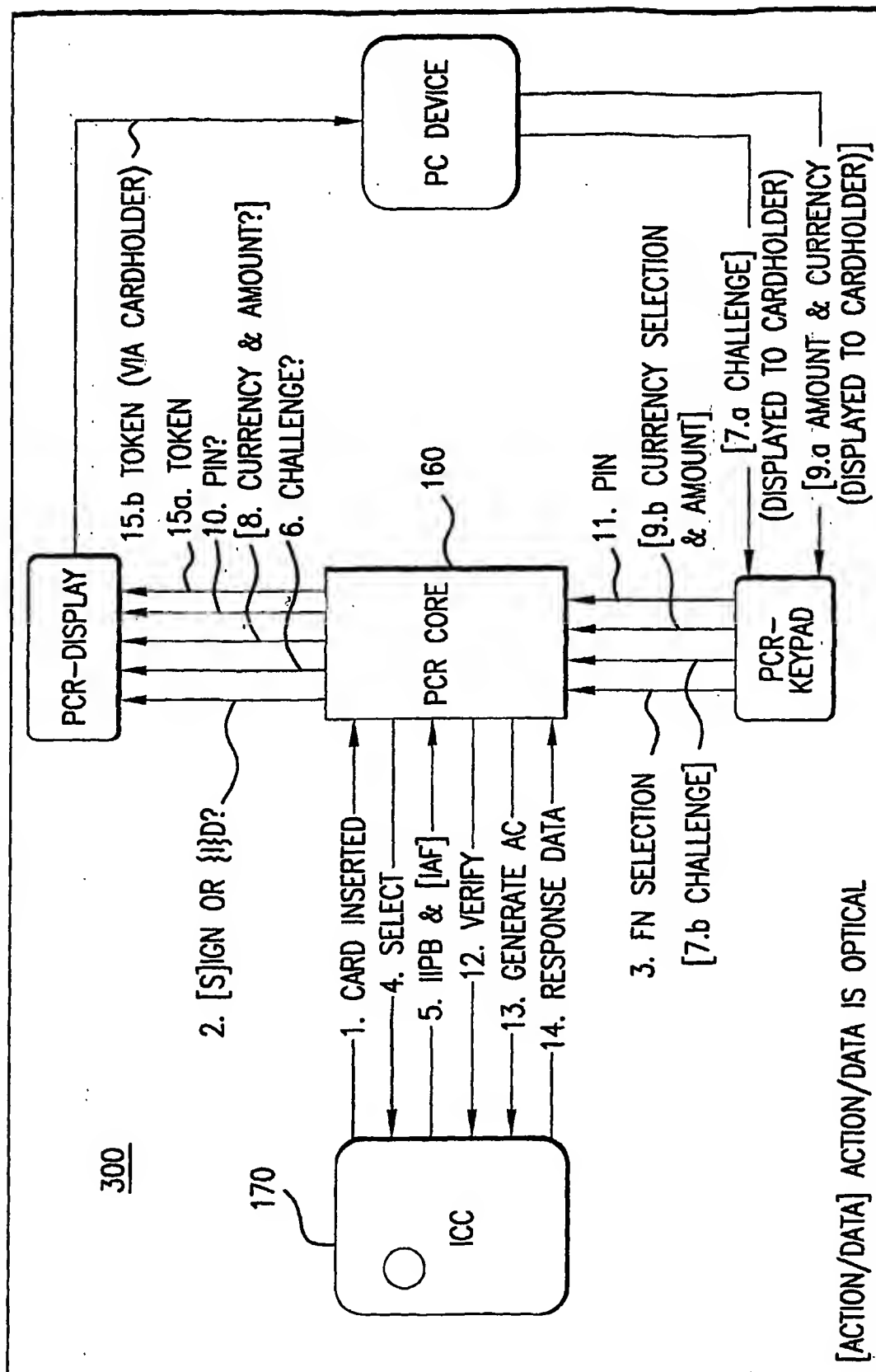


FIG.3

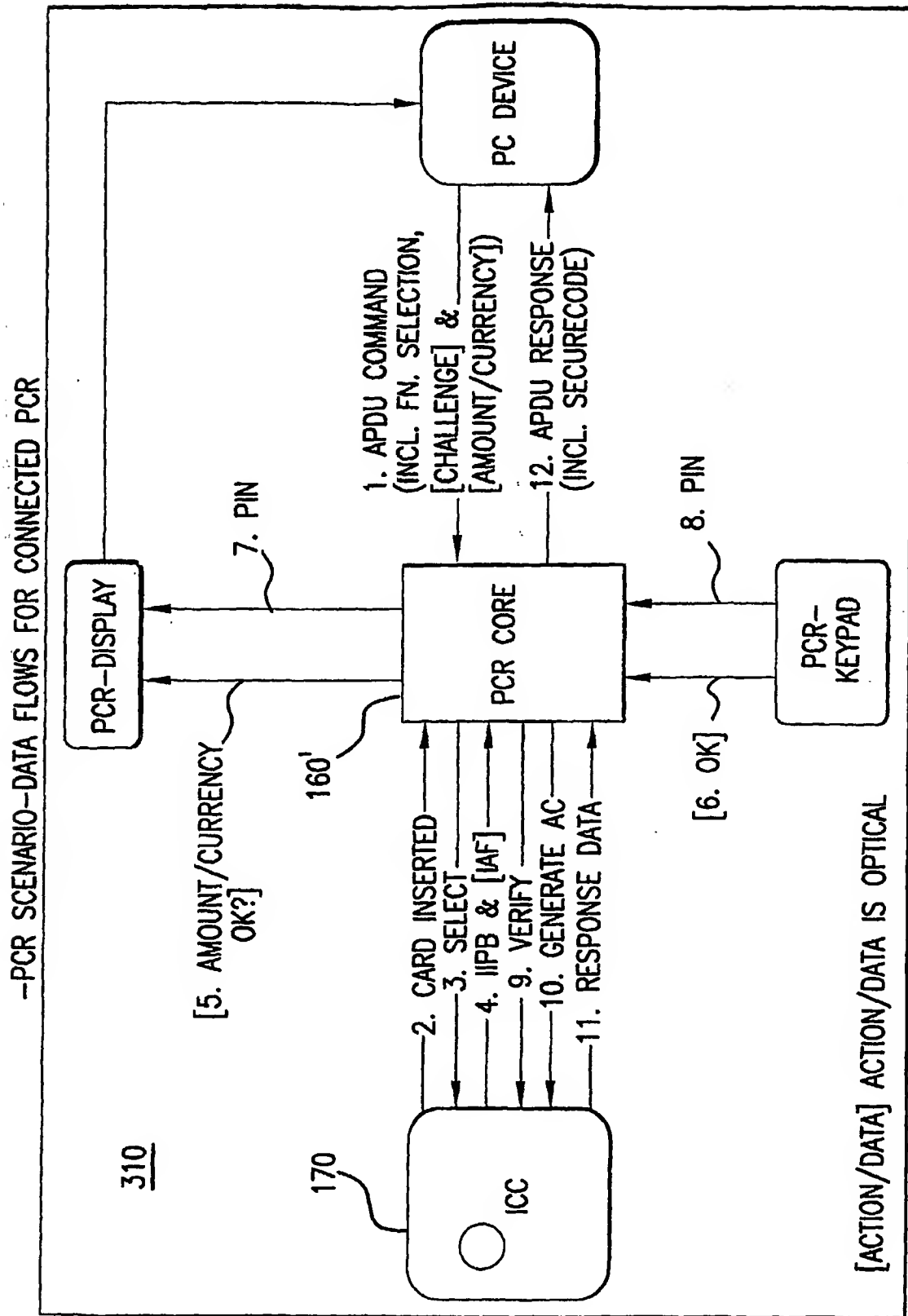


FIG.4

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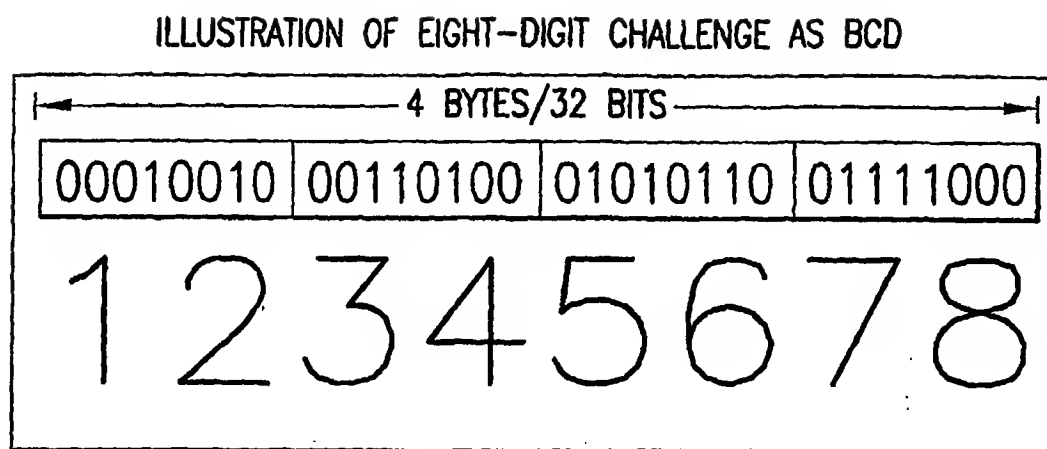


FIG.5

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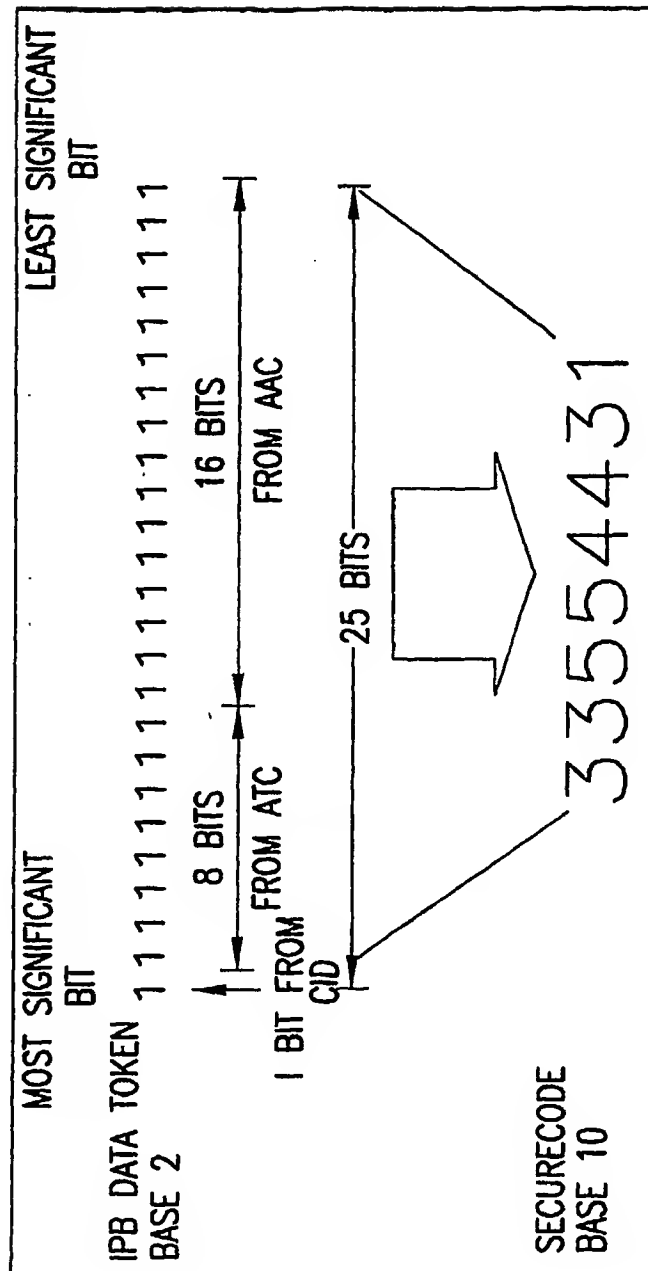


FIG.6

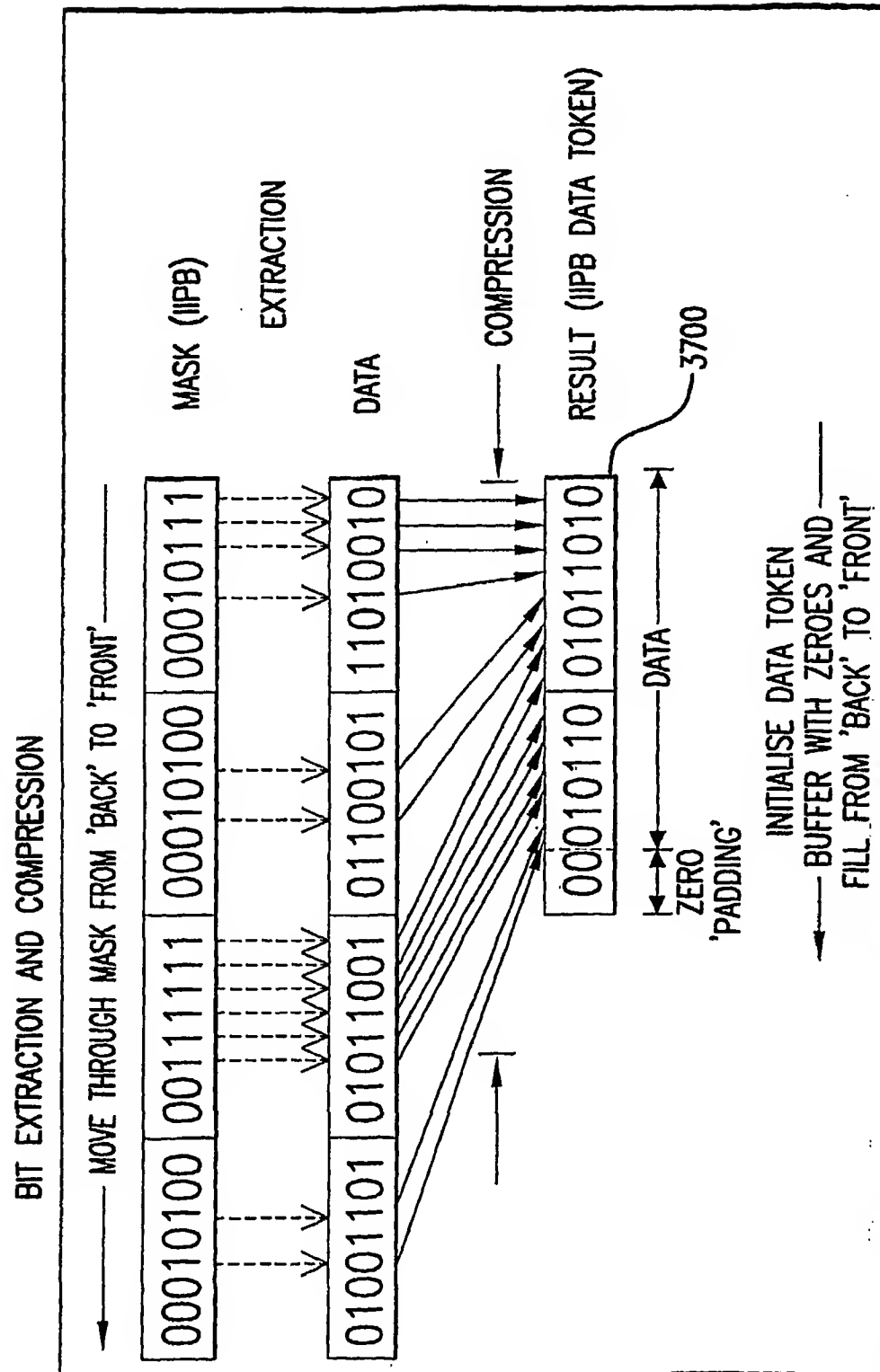


FIG. 7

500

-3-D SECURE AUTHENTICATED TRANSACTION FLOW

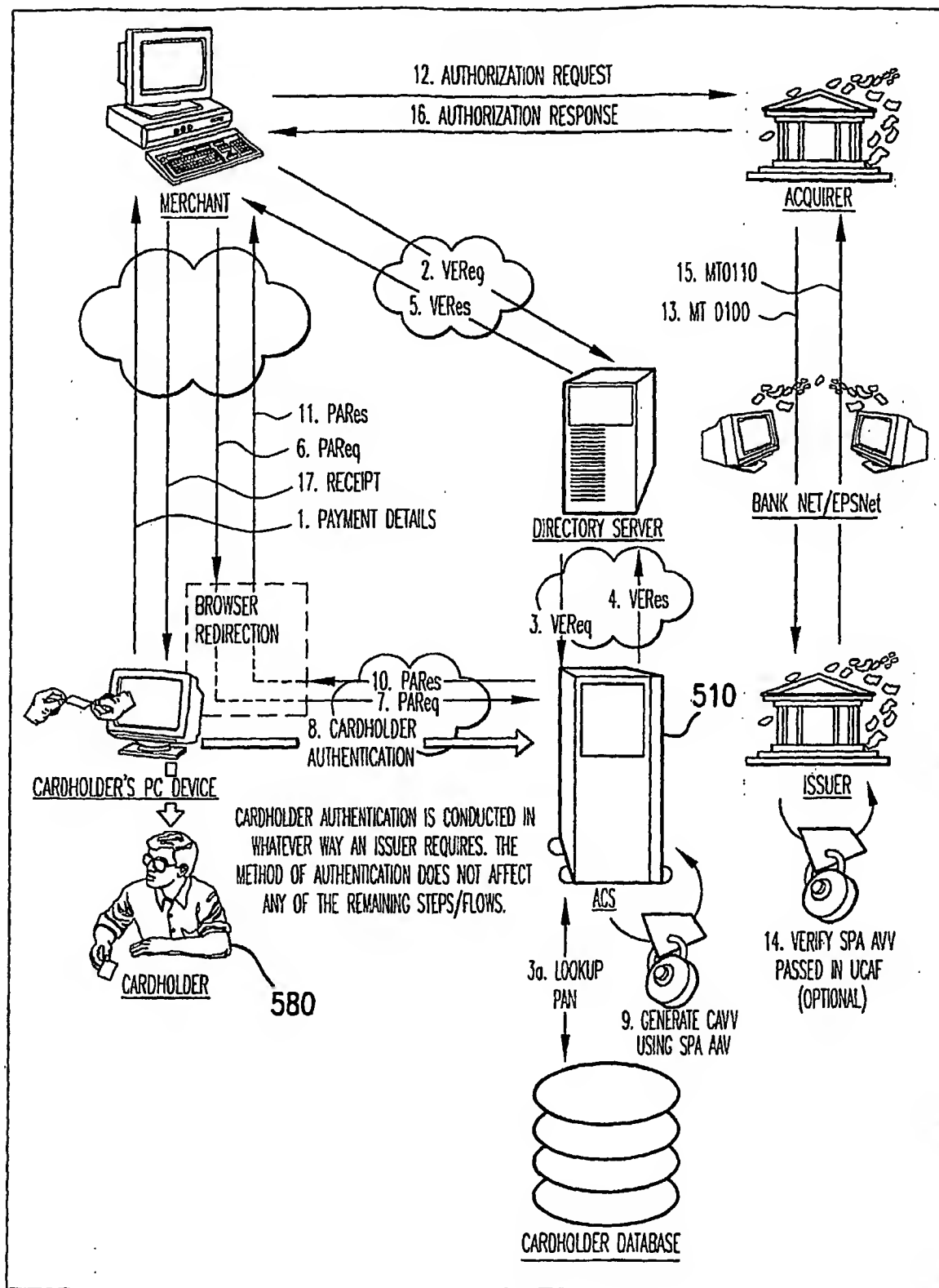


FIG. 8

SUBSTITUTE SHEET (RULE 26)

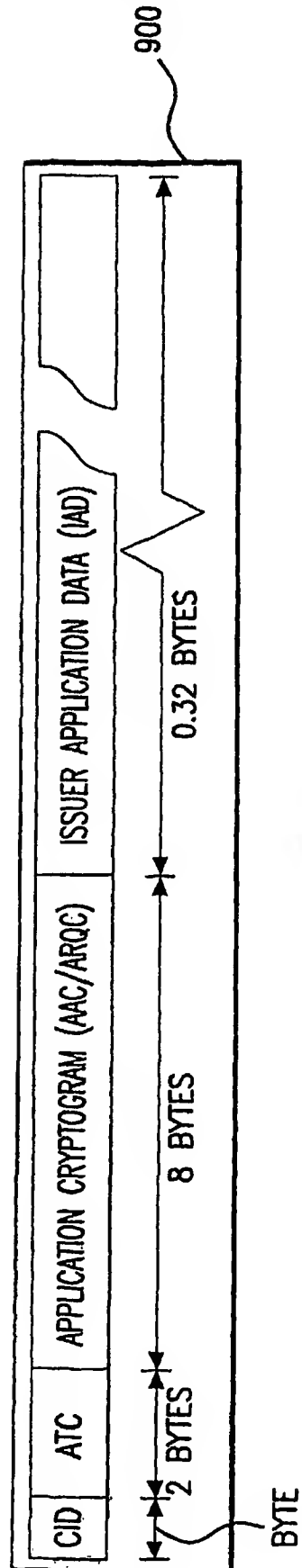


FIG. 9

CONTROL
BYTE

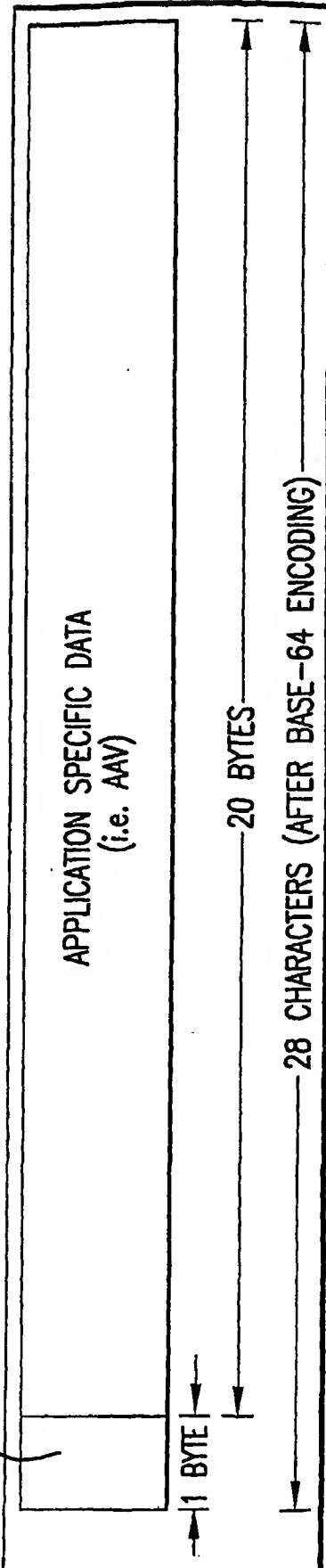
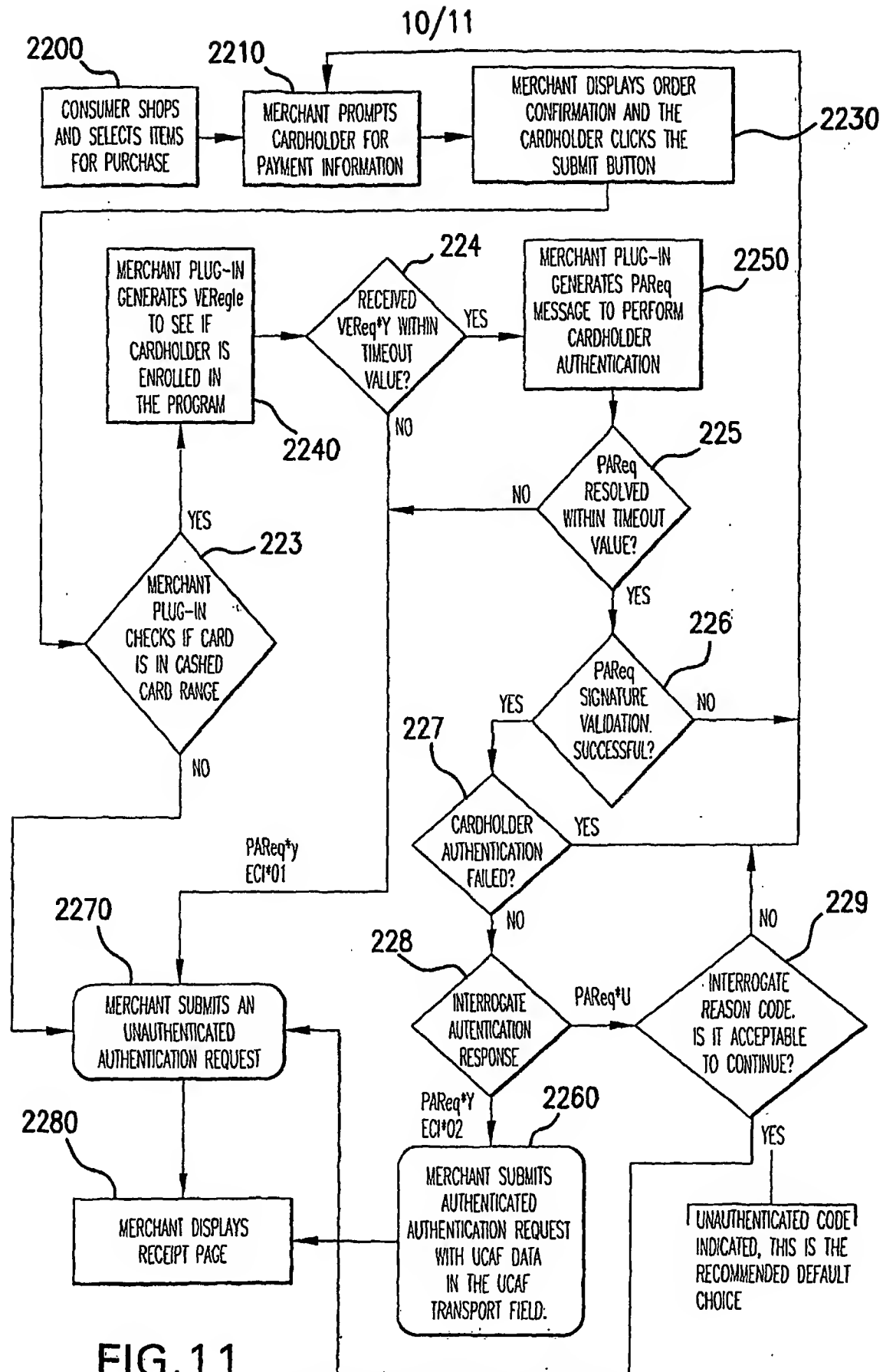


FIG. 10



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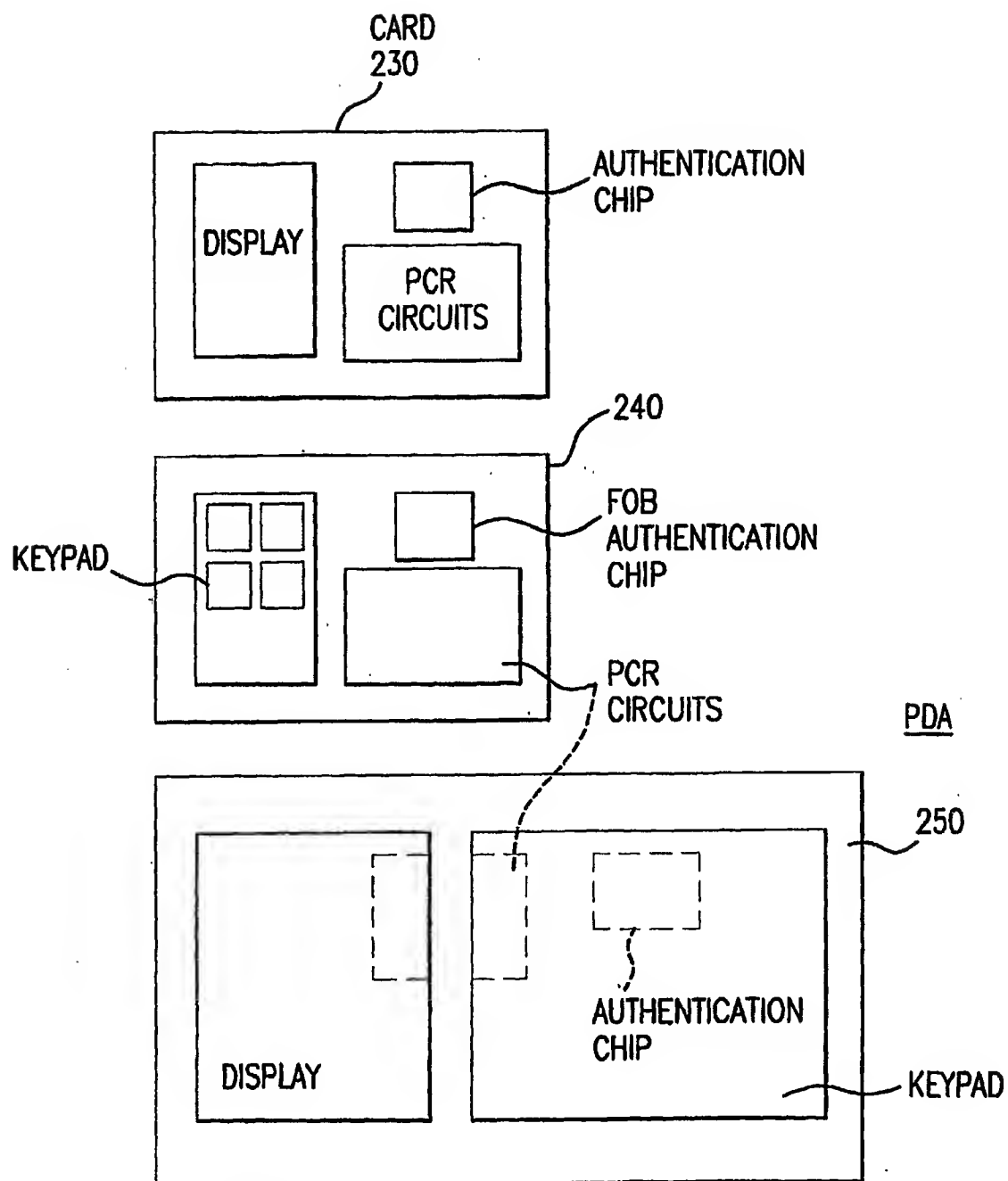


FIG. 12